

PTO/SB/81 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/714,332
Filing Date	November 14, 2004
First Named Inventor	Roger L. Schultz
Title	Wireless Telemetry Systems ...
Art Unit	2681
Examiner Name	unknown
Attorney Docket Number	HES 2002-IP-008558U1

I hereby appoint:

☐ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below:

Name	Registration Number
see attached	

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name				
Address				
Address				
City		State		Zip
Country				
Telephone		Fax		

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name	John W. Wustenberg		
Signature			
Date	17 MAR 04	Telephone	580.251.3782

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Please type a plus sign (+) inside this box → ☐

PTO/SB/02C (3-97)

Approved for use through 9/30/98. OMB 0281-0032

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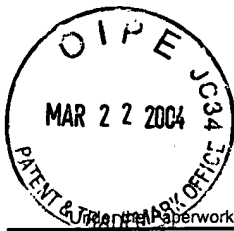
## DECLARATION

## REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

Name	Registration Number	Name	Registration Number
Halliburton Energy Services, Inc. Practitioners		McAfee & Taft Practitioners	
William E. Shull	29,438	C. Clark Dougherty, Jr.	24,208
William M. Imwalle	35,904	Clifford C. Dougherty, III	31,607
Robert A. Kent	28,626	Neal R. Kennedy	31,383
Craig W. Roddy	36,256	Anthony L. Rahhal	37,562
John W. Wustenberg	35,415	William D. Hall	35,535

**Duration Hour Statement:** This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Declaration — Registered Practitioner Information (Supplemental Sheet) (PTO/SB/02C)(1-1.4)



PTO/SB/96 (08-03)

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Roger L. Schultz et al.

Application No./Patent No.: 10/714,332 Filed/Issue Date: November 14, 2003

Entitled: Wireless Telemetry Systems and Methods for Real Time Transmission of Electromagnetic Signals Through a ...

Halliburton Energy Services, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

17 MAR 04

Date

580.251.3782

Telephone number

John W. Wustenberg

Typed or printed name

Signature

Attorney

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**ASSIGNMENT**


Whereas, I/We, Roger L. Schultz, of Denton County, Aubrey, Texas; Craig L. Zitterich, of Denton County, Corinth, Texas and James E. Masino, of Harris County, Houston Texas, have invented WIRELESS TELEMETRY SYSTEMS AND METHODS FOR REAL TIME TRANSMISSION OF ELECTROMAGNETIC SIGNALS THROUGH LOSSY ENVIRONMENTS for which I have made application for Letters Patent of the United States; and Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application serial number 10/714,332 filed on November 14, 2003, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

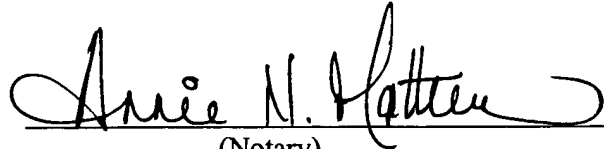
Executed this 2<sup>nd</sup> day of MARCH 2004, at Carrollton, Dallas County, Texas,  
U.S.A.

  
\_\_\_\_\_  
Roger L. Schultz

STATE OF TEXAS           )  
                                      ) ss  
COUNTY OF DALLAS       )

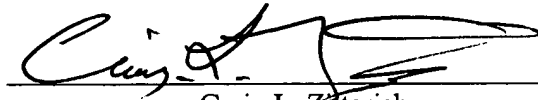
Before me personally appeared said Roger L. Schultz acknowledged the foregoing instrument to  
be his free act and deed this 2<sup>nd</sup> day of March, 2004.



  
\_\_\_\_\_  
(Notary)

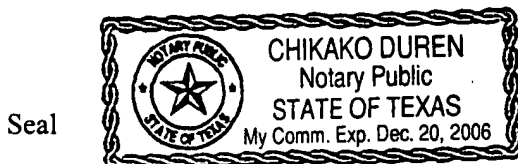
My Commission Expires: 3-28-2005

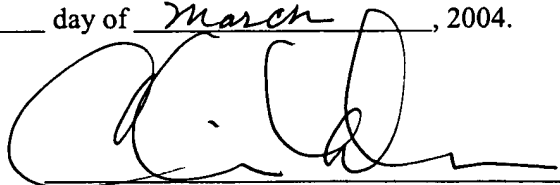
Executed this 15<sup>th</sup> day of March 2004, at Fort Worth, Tarrant ~~Carrollton, Dallas~~ County, Texas,  
U.S.A.

  
\_\_\_\_\_  
Craig L. Zitterich

STATE OF TEXAS           )  
                                      ) ss  
COUNTY OF ~~DALLAS~~ TARRANT       )

Before me personally appeared said Craig L. Zitterich acknowledged the foregoing instrument to  
be his free act and deed this 15<sup>th</sup> day of March, 2004.



  
\_\_\_\_\_  
(Notary)

My Commission Expires: Dec 20, 2006

Executed this 20<sup>th</sup> day of February 2004, at Houston, Harris County, Texas, U.S.A.

STATE OF TEXAS  
COUNTY OF HARRIS



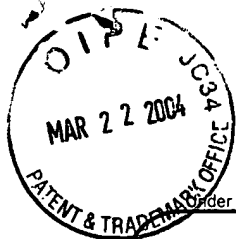
James E. Masino  
James E. Masino

Before me personally appeared said James E. Masino acknowledged the foregoing instrument to be his free act and deed this 20<sup>th</sup> day of February, 2004.

Seal

LaShanda R. Thompson  
(Notary)

My Commission Expires: Aug. 21, 2007



**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration Submitted With Initial Filing      **OR**      ☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	HES 2002-IP-008558U1
First Named Inventor	Roger L. Schultz
COMPLETE IF KNOWN	
Application Number	10/714,332
Filing Date	11/14/2003
Art Unit	2681
Examiner Name	unknown

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Wireless Telemetry Systems and Methods For Real Time Transmission of Electromagnetic Signals Through Lossy Environments

(Title of the Invention)

the specification of which

☐ is attached hereto

**OR**

☒ was filed on (MM/DD/YYYY) 11/14/2003 as United States Application Number or PCT International

Application Number 10/714,332 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

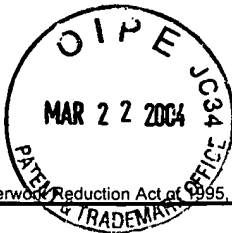
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

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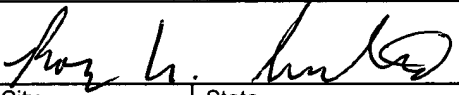

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**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 29920 OR <input type="checkbox"/> Correspondence address below			
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Roger L.		Family Name or Surname Schultz	
Inventor's Signature 		Date 3-2-04	
Residence: City Aubrey	State TX	Country U.S.	Citizenship U.S.
Mailing Address 4792 Red Oak Circle			
City Aubrey	State TX76227	ZIP 76227	Country U.S.
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Craig L.		Family Name or Surname Zitterich	
Inventor's Signature 		Date 15-March-2004	
Residence: City Corinth	State TX	Country U.S.	Citizenship U.S.
Mailing Address 1725 Oak Hill			
City Corinth	State TX	ZIP 76210	Country U.S.
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the 1 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			



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**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental Sheet

Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
James E.		Masino	
Inventor's Signature <i>James E Masino</i>		Date <i>2/20/04</i>	
Houston Residence: City	TX State	U.S. Country	U.S. Citizenship
423 Ramblewood Park Mailing Address			
Mailing Address			
Houston City	TX State	77094 Zip	U.S. Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country

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